



TYPHOON ACOUSTIC DIGITAL PLAYER

Instruction manual

Article Number: 83071

Version 1.00

CHAPTER 1 Brief Introduction

1.1 Product functions

a) Fashionable Mp3 player

Typhoon Acoustic Player designed with Mp3 function allows you to playback and transfer Mp3 files to & fro your computer readily. And at the same time, it includes seven preset equalizer, full playback functions and easy to manipulate Mp3 files.

b) Digital recording

With sixteen hour's recording time, it is the best choice for recording meetings, lectures or speeches.

c) FM radio receiver with fifteen digital searched channels which can be stored.

d) Removable USB Mass Storage device

The large storage of 128millions / 256 millions makes the Typhoon Acoustic Digital player functions as a removable hard disk. Easy to use for storage and backup. Windows® 2000 and XP operating system supported.

e) Long life li-ion battery

The Typhoon Acoustic Digital player is equipped with powerful li-ion battery with 650MA. Charged once and it will last over thirty hours. It can be charged and recharged again, avoiding frequent battery changes.

f) Upgrade the firmware when newer version are available. You can upgrade the firmware easily from the Internet anytime if a newer version or improvement is available.

1.2 Accessories:

- Battery charger
- A pair of earphones
- USB cable (type A male to mini-USB)
- Carrier bag
- Instruction manual
- Driver and Application CD-ROM Disk

1.3 Basic computer requirements

- Intel® Pentium® IV or later
- 64MB of System RAM or more
- USB v1.1 port or later
- Microsoft Windows® 98 SE / ME / 2000 / XP or later
- CD-ROM drive

1.4 Specifications

- Type: Article number: 83071 Typhoon Acoustic Digital Player
- Memory: 128MB / 256MB
- Interface: USB v1.1
- Speed of transmission: $\geq 300\text{Kbps}$
- Recording Form: ADPCM
- Format supported: Mp3
- Power supply: charged li-ion battery
- Max output: earphones 5.0Mw x 2
- Dimension of Display panel: 44 x 22m / m

- Player's Dimension: 78 x 56mm / m
- FM radio receiver: 87.5 - 108 MHz
- Weight: 65g



CHAPTER 2 INSTRUCTIONS

2.1 Introduction on the external labels and function keys of the Typhoon Acoustic Digital Player



K1----- Multi-function key

K1a - to increase and k1b - decrease level, or k1c - press to confirm)

K2----- BACK (move to the previous menu)

K3----- EQ (Equalizer) / k3a - hold on to activate or deactivate back-light

K4----- A-B repeat / k4a - hold on to activate or deactivate power

K5----- language repeating / k5a - hold on to lock all keys

K6----- following and comparing / k6a - While power off or Mp3 playback, hold on to record directly

K7----- Vol+ (to increase volume)

K8----- Vol- (to decrease volume)

K9-----RESET (to restart player with a needle, depress for about 2 seconds)

2.2. Language Repeating

- 1) Hold on the button, K4 for about two seconds to power on the Acoustic Digital Player, the introduction screen (figure. 1) will appear.



Figure 1



Figure 2

- 2) After another second, the menu will appear as shown in figure 2. Turn the Selector, K1 up or down to move along the options.

2.3 Mp3 PLAYER

- 1) Turn the Selector, K1 up or down to select Mp3PLAYER,  **MP3 PLAYER**. Next press the Selector, K1 inwards, the list of Mp3 titles will be displayed as shown in the figure 3. Please note all the extension are in *.Mp3 format.

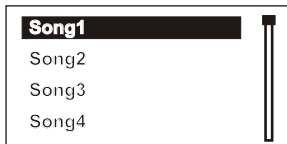


Figure 3



Figure 4

- 2) Move the Selector, K1 up or down along the list and press to select the Mp3 title for playback. The Playback screen and bottom menu options is as shown in figure 4.



Figure 5

Forward ———> 
Back ———> 
To Previous song ———> 
To next song ———> 
Repeat playback modes (k5) ———> 
Equalizer modes (k3) ———> 
A-B Repeat modes ———> 

- 3) Use the Selector, K1 to move along the Playback menu options. Press the Selector, K1 inwards to execute the option needed. Once in the options, press the Selector K1 again or repeatedly to move along the options available, else move the Selector up or down to exit the function. The Playback menu options available are a) Playback controls, b) **A**: A-B Repeat, c) **E**: Equalizer, and d) **R**: Repeat playback options.

Seven Equalizers presets are available for your preferred listening pleasure.

Natural	Rock
Dbb	Pop
Jazz	Classic
Soft	

Three Repeat playback options are available.

One
ALL
Normal

2.4 VOICE REC

- 1) Turn the Selector, K1 up or down to select the VOICE REC,  for Voice recording and playback. Press the Selector, K1 inwards to begin recording. Refer to figure 6 for example.
- 2) Press the Selector, K1 again to begin recording from the built-in microphone at the top.

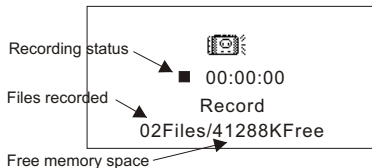


Figure 6

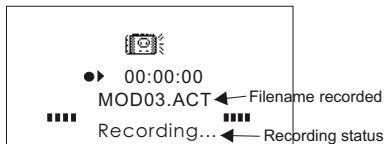


Figure 7

- 3) To access any recorded voice files, Press the BACK button, K2 to display the list of recorded voice files. Note: the last in the list is the latest recorded voice file. Press the Selector, K1 to playback the recorded file, or up and down along the list.

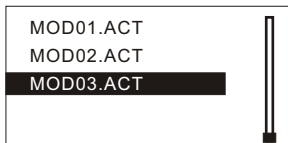


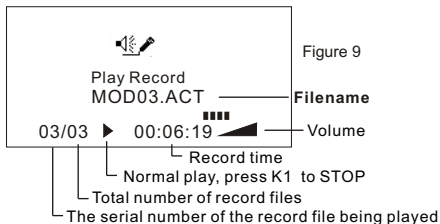
Figure 8

Recorded files in the list

- 4) To end the voice recording, press K1 to pause, or press again to resume. Press the BACK button, K2 to stop the recording and exit to the previous menu. The recording session is ended and a file with the file format, "MODXX.ACT" is saved. Press the BACK button, K2 again to exit to main

menu.

- 5) Turn K1 up and down to move along the recorded list.



2.5 FM radio receiver

The FM Radio receiver automatically scans for all available stations that its antenna can receive in the area of operation, and stacks the stations along the Channels number 1 to 25. (Note: FM stations receptions depend on Radio reception quality in the area of use)

- 1) Turn the Selector, K1 up or down to select FM RADIO, . Press K1 inwards to enter the FM radio mode. Refer to the figure 10 for example.



Figure 10

- 2) Turn the Selector, K1 up to change the channels. Turn K1 downwards to jump back to Channel 1. There are a total number of 25 channels in a loop.

2.6 System



Turn the Selector, K1 up or down to select SYSTEM, SYSTEM. Press K1 inwards enter into the System menu. Refer to below for the System menu list.



Figure 11

- 1) Select “1. Firmware Ver” by pressing K1 for the System version number.



Figure 12

- 2) Select “2. U-disk space” by pressing K1 for the USB Mass Storage available disk space and total disk size.

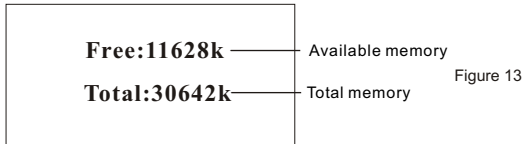


Figure 13

- 3) Select “3. Delete file” by pressing K1 for deleting unwanted files or releasing free disk space.

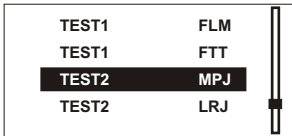


Figure 14

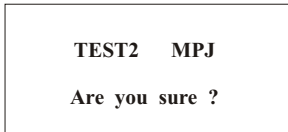


Figure 15

Select the file by moving the Selector, K1, then press to delete. A confirmation screen appears for final decision. Press K1 again to complete the process. Refer to figure 15. Press BACK button, K2 to exit.

- 4) Select “4. Serial number” by pressing K1 to view the serial number for the player.

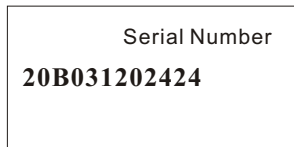


Figure 16

2.8 Battery charging

1) Power indication

The power level indicator is on the left of the bottom status bar, there are three strips in the battery icon. One strip indicates the power is weak, and no strips means completely drained and the player will not power on. If completely drained during recording, the recorded data will be saved automatically to avert data lost.

2) Charging period

When the battery is being charged via the power mains with the Charger, the LED will light up in red. After fully charged, the Charger's LED will turn green and the battery indicator will display with three strips. The entire charging period is approximately 4 hours. Leave the charge on for an

additional hour for a Full charge (that is an hour after the LED turns green).



Full power



Weak

Figure 17



Empty

- 3) Connect the Power adapter with the USB cable. The type A USB connector to the Power adapter and mini-USB connector to the Digital Player. Insert the Power adapter to a nearby wall socket and turn on the Power. The charging process will commence immediately.

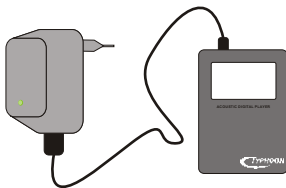


Figure 17a



CHAPTER 3 How to use the program on the disk

Place the application disk into the CD-ROM drive, it will auto-run if the drive is set enabled. The following option menu will appear as in Figure 18. Else click on the file, "MySetup.exe" in the CD folder.

1. Copy Mp3 Player to Desktop (application for Mp3 playback)
2. Install Driver (for Windows® 98 SE only)
3. Install Tools for U-Disk (for managing USB Mass Storage)
4. Download Power-On image



Figure 18

2.9. Removable USB Mass Storage Device

- 1) The Acoustic Digital Player is also a USB Mass Storage Device. It can be linked with any computer directly as long it is using Windows® 2000 or XP operating systems.
- 2) For Windows® 98 SE, the driver for USB Mass Storage must be installed first. Go to the Install Driver menu in the CD application and launch the installation.
- 3) Windows® 2000 or XP and later is highly recommended.

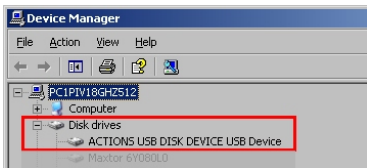
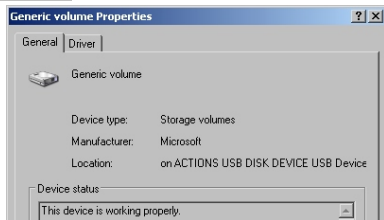


Figure 17b

From Control Panel - System - Hardware button - Device Manager tab, you should see these details for successful installation indication.

Figure 17c



3.1 Using the Mp3 Player application.

Audio files of MP3 and MPJ formats can be played.

- 1) Click on “Mp3 Player” button and the list of audio files will appear from the CD. Refer to figure 19.

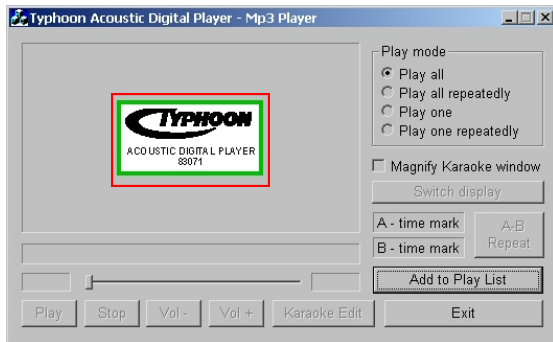


Figure 19

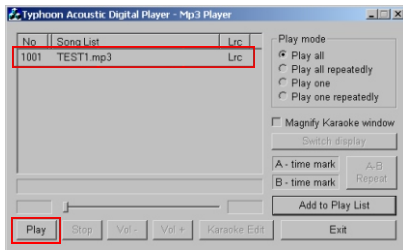


Figure 20

- 2) Double-click on any song or your preferred choice to play as in Figure 20. Alternatively, click on the Play button to start playback. Refer to figure 21.

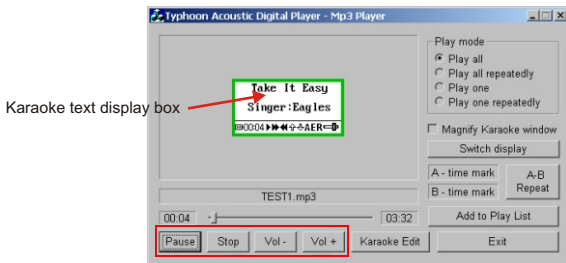


Figure 21

- 3) Click on the “Switch display” button to change the Display logo back to the folder screen to select another song for playback.

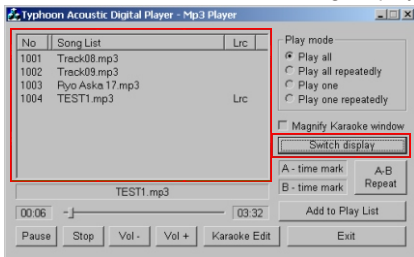


Figure 22

Click on “Open” to change the folder

- 4) A-B playback mode: Click on the “A-B” button at the start point of the song you would like to repeat (point A), and click at the end of the repeat (point B), then the song between point A and B will be repeated continuously. Click “A-B” button again to disable.

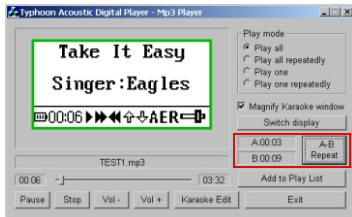
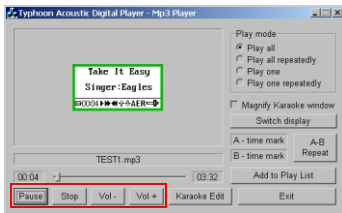
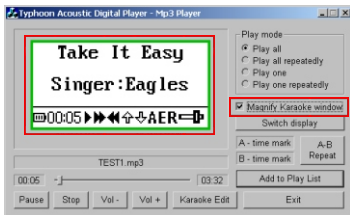


Figure 22a

- 5) During playback of any Karaoke files, the window will display the Karaoke text as the song plays along.



- 6) To view the window text in a bigger format, click on the “Magnify Karaoke window” button on the right and the Display will enlarge to a larger font text.

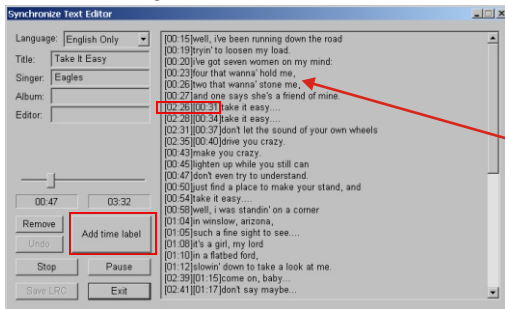


All specifications and information are subject to changes without further notice.

3.2 Mp3 songs or Karaoke - synchronized texts editing

1. Open

- Create a new folder, and place the songs or texts files needed for editing in this.
- Launch the "Mysetup.exe" again and click on Mp3 Player.
- Click the "OPEN" button and locate the MP3 songs or texts needed for editing in the computer. The information must be in the MP3 format.
- To change another file, click on the "Switch display" button. Double click on the selected file and it is played. Click on the "EDIT" button to access the text edit page for files with Lrc extension representing the text file.
Attention: file opened must have the readable and writable attributes, otherwise it might not be saved.

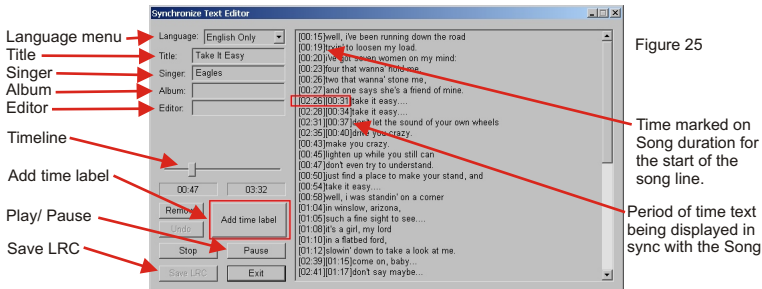


Karaoke text entry area

Figure 23

3) Add time label

- The start point is at the beginning of the first word in the sentence, click “Add time label” when the first word is playing, and the label is added to the beginning of the sentence.
- Click “Add time label” again when the next line is playing, then the point will move to the next line automatically. The rest may be deduced by analog. The value in the first bracket in each line is the start time and the value in the second is the duration of that line. Refer to figure 25.
- Please click “Remove” if the time label is input in the wrong position, and the sentence will be repeated again for adding the right position.
Note: “Remove” can only be used to delete the last label in the last line.



- 4) Click on “Save LRC” to save the text of the song directly. Refer to figure 26. Click on OK to confirm the process.

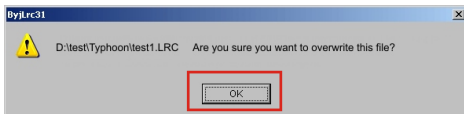


Figure 26

Alternatively, if you click on the Exit button, the Editor will prompt to save the file. Refer to figure 26a. Click on the Yes button to proceed.

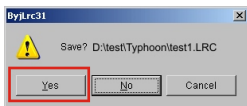
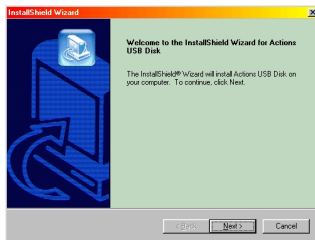


Figure 26a

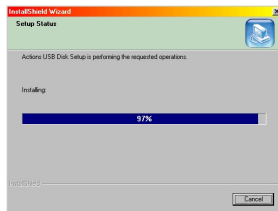
- 5) Open the file again to confirm the time label is added correctly. After rectifying, transfer into the Acoustic Digital Player by copying the related files via Windows Explorer to the USB Disk drive. The synchronous texts will be displayed during the playback.
Note: that the filenames for the song and the text file must have the same name. Only the file extensions are different.

3.4 Driver program installation (for Windows® 98 SE only)

Launch the “Mysetup.exe” from the CD-ROM. Click on “Install Driver” as in figure 18 and follow the prompt. It is important that Windows® 98 operating system be installed with the driver to recognize the USB Mass Storage device of the Acoustic Digital Player.

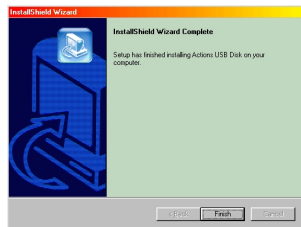


- 1) Place the Driver/Application CD-ROM into the system drive.
- 2) It will auto-run and launch the “MySetup.exe” application. If the CD drive has the Auto-run disable, please manually go to the “MySetup.exe” file in the CD and open it.
- 3) Next, click on the “Install driver” menu and the installation process will begin.
- 4) When prompted in the Wizard welcome



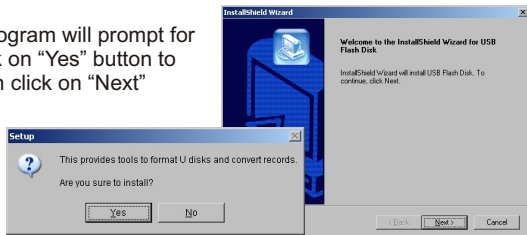
screen, click on “Next” to continue.

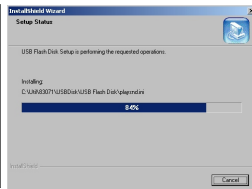
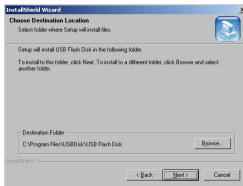
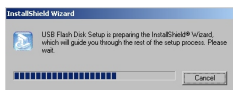
- 5) The driver installation will proceed and once completed will prompt to click on the Finish button to end.
- 6) The Acoustic Digital Player is now ready to be use on the Windows® 98 SE system.



3.5 Low-format

- 1) For low level formatting of the USB Mass Storage disk, click on “Install Tools for U disk” in “MySetup.exe” application, and install accordingly to the prompt.
- 2) The installation program will prompt for confirmation. Click on “Yes” button to continue. And then click on “Next” button to start.





- 3) Next, the installation will prompt for the destination folder. To use the default, click on “Next” button to begin. Else to change, click on “Browse” button to assign a new target folder.
- 4) The installation will then proceed to transfer the files to the target destination.
- 5) Last, click on the “Finish” button to end the Utility installation.



- 6) After installation, click on Start in the taskbar and go to “USB Flash Disk Utilities” in the Program menu - Select “Format USB Flash Disk”. Refer to figure 27.

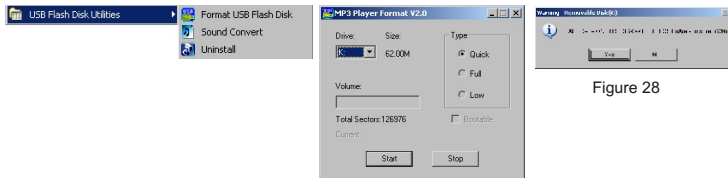


Figure 28

- 7) Select “low” and press “start”, the following prompt will appear as in figure 28: “the information on the disk will lost if the disk is formatted, continuing or not?”
- 8) Click “Y” to start the low level format”, if not, please click “N” to cancel. Figure 29 indicates the formatting results, then click “confirm” to proceed.



Figure 29

3.6 How to download the Power-on image

The Acoustic Digital Player will display an image every time the power is turned on. This Power-On image can be customized to your very own image. You can create this easily with any photo editing application.

- 1) First set the image size to 132 x 64 pixels, 72 dpi. Create a single BMP picture within the 132 x 64 dimension and save as "xxxxx.bmp". Set to a single color mode, Black and White for the image.
- 2) Click on "Download Power-On image" menu in the "MySetup.exe" application

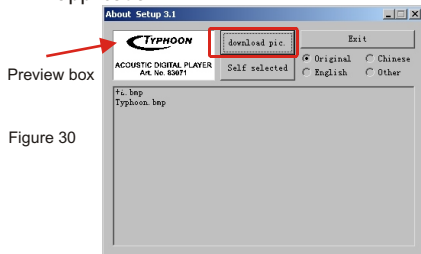


Figure 30

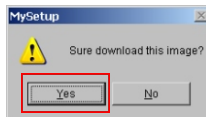


Figure 31

- 3) Select the image file that you had created from the bottom file list, and it will be previewed in the above preview box.
- 4) Click the "Download image" button and click "Yes" button to commence. Please ensure the Digital Player is linked to the computer via its USB cable.

- 5) Upon successful download, a Window will prompt the status of the process. Refer to figure 32.

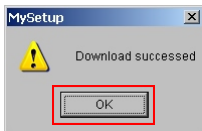


Figure 32

CHAPTER 4 FAQs

- 1) Digital Player cannot be started
Ensure the battery power is sufficient and not empty.
Ensure the power supply is working.
- 2) System halted
Turn off the Digital player and restart, or use a needle or similar to depress the "RESET" point.
- 3) How long will it take for all Mp3 songs to be saved in the Digital player?
It depends on the memory size, a 1MB size takes about a minute, so
128MB / 256MB will takes up to 128 and 256 minutes respectively.
- 4) I cannot download any information?
Ensure the Digital player is connected to the computer via the USB cable,
and the Digital player is turned on.
Ensure the USB driver program is installed for Windows® 98 SE.
Check the free memory size of the Digital player and file size fits the
download
Ensure battery power is sufficient
- 5) Lost data?
Lost of some information can be due to unsteady power supply, so please
always backup the data.

- 6) Why different songs have different volume levels?
The different volume level is caused by different volume level set during recording.
- 7) Why the information cannot be download even sufficient memory is available?
The memory EPROM inside the Digital player is dependent on the memory area which a 16MB or 32MB memory size model occupies only 1 byte. So if the file is larger than the available memory it may not be downloadable.
- 8) Why there are no display on the screen?
Ensure the power level is sufficient, and the power supply is working.
- 9) Why I cannot see the synchronous text during Mp3 playback?
Mp3 songs have two formats: sound file and text file.
Note: the name of the two files must be the same one.
If only sound file is available, no text will be displayed.
If only text file is available, the file can only be seen in "files deleting" in the system menu.
The text of the song can only be displayed when both files exist.

- end -